



Stormwater Needs Assessment Project

DRAFT

4.4 New Initiatives – Cost of Service

Fairfax County Stormwater Program						
Stormwater Cost of Service Analysis/Rate Model - New Initiatives Only						
Cost of Service Analysis; All Costs, Summary by Cost Subcategory by Year						
Major Cost Category	2006	2007	2008	2009	2010	2011
Cost Subcategory						
General Expenses						
General Stormwater Program Administration	\$ 93,618	\$ 428,722	\$ 422,779	\$ 432,912	\$ 429,125	\$ 412,419
Billing Operations	\$ 146,879	\$ 194,439	\$ 197,933	\$ 212,144	\$ 216,294	\$ 220,597
HR Functions	\$ 44,366	\$ 125,034	\$ 128,772	\$ 120,649	\$ 112,669	\$ 116,838
General Program Planning and Development	\$ 54,308	\$ 98,332	\$ 101,970	\$ 116,331	\$ 120,635	\$ 125,099
Budget and Cost Controls	\$ 13,577	\$ 75,186	\$ 77,968	\$ 91,441	\$ 94,824	\$ 98,332
Contract Management	\$ 87,983	\$ 212,525	\$ 220,389	\$ 228,543	\$ 236,999	\$ 245,768
Interagency Cooperative Activities						
Indirect Cost Allocations	\$ -	\$ 679,847	\$ 847,791	\$ 1,148,406	\$ 1,316,934	\$ 1,365,661
Cost and Rate Analysis	\$ -	\$ 3,624	\$ 3,758	\$ 178,897	\$ 4,042	\$ 4,191
Emergency/Disaster Management	\$ -	\$ 11,832	\$ 12,270	\$ 12,724	\$ 13,195	\$ 13,683
Subtotal:	\$ 440,730	\$ 1,829,541	\$ 2,013,630	\$ 2,542,048	\$ 2,544,717	\$ 2,602,588
Engineering and Design						
Design Criteria, Standards and Guidance	\$ -	\$ 45,805	\$ 47,499	\$ 91,609	\$ 147,624	\$ 153,086
Design, Field and Operations Engineering	\$ -	\$ 76,408	\$ 79,236	\$ 82,167	\$ 177,671	\$ 184,245
Maintenance and Field Engineering Support	\$ -	\$ -	\$ 12,960	\$ 2,400	\$ 13,040	\$ 9,000
Hazard Mitigation Planning	\$ -	\$ -	\$ 60,239	\$ 62,468	\$ 97,556	\$ 101,165
Dam Safety Program	\$ -	\$ -	\$ 73,199	\$ 64,868	\$ 110,596	\$ 110,165
Retrolifting Program	\$ -	\$ -	\$ 79,236	\$ 82,168	\$ 85,208	\$ 88,360
Flood Insurance Program	\$ -	\$ -	\$ 46,639	\$ 42,845	\$ 71,557	\$ 71,944
Community Rating System	\$ -	\$ -	\$ 40,159	\$ 41,645	\$ 65,037	\$ 67,444
Code Development and Zoning Support Services	\$ -	\$ 76,408	\$ 79,236	\$ 82,167	\$ 152,817	\$ 158,471
GIS, Mapping and Database Management	\$ 1,826,409	\$ 567,350	\$ 569,842	\$ 572,427	\$ 575,106	\$ 577,885
Public Education/Outreach	\$ 189,986	\$ 179,236	\$ 182,168	\$ 185,208	\$ 188,360	\$ 191,630
Infrastructure Management Planning	\$ -	\$ 200,000	\$ 110,000	\$ 60,000	\$ 60,000	\$ 60,000
Subtotal:	\$ 2,091,394	\$ 1,240,633	\$ 1,476,595	\$ 1,466,937	\$ 1,842,350	\$ 1,872,016
Operations and Maintenance						
General Maintenance Management	\$ 300,980	\$ 701,064	\$ 777,821	\$ 1,340,841	\$ 1,360,232	\$ 1,371,008
SW Management Facilities Maintenance	\$ 200,000	\$ 200,000	\$ -	\$ 565,759	\$ 263,975	\$ 273,180
Conveyance System Maintenance	\$ 30,075	\$ 530,113	\$ 625,469	\$ 730,742	\$ 781,227	\$ 701,193
General Remedial Maintenance	\$ 652,770	\$ 869,292	\$ 1,198,131	\$ 2,045,191	\$ 2,134,069	\$ 2,185,929
Emergency Response Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Infrastructure Management Program	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ -
GASB 34	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ -
Field Data Collection	\$ 240,000	\$ 240,000	\$ 366,913	\$ 370,571	\$ 510,805	\$ 280,825
Public Drainage System Inspection and Regulation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Private Facilities Inspection and Regulation	\$ 250,000	\$ 266,408	\$ 289,236	\$ 412,817	\$ 418,471	\$ 424,335
Public Assistance and Complaint Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal:	\$ 2,033,824	\$ 3,186,877	\$ 3,616,560	\$ 5,825,922	\$ 5,828,800	\$ 5,236,470
Plan Review and Erosion Control						
General Code Development and Review	\$ -	\$ 151,583	\$ 132,788	\$ 171,389	\$ 187,290	\$ 154,070
Stormwater Systems Insp. - New Development	\$ -	\$ 220,939	\$ 219,005	\$ 437,244	\$ 512,761	\$ 522,639
Regulatory Enforcement	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
General Permit Administration	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Erosion and Sediment Control Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal:	\$ 50,000	\$ 422,522	\$ 401,793	\$ 658,633	\$ 750,051	\$ 726,709
Construction Services						
Capital Improvements	\$ 7,965,966	\$ 8,582,476	\$ 12,583,842	\$ 10,194,344	\$ 10,205,235	\$ 12,716,529
Construction Project Management	\$ 506,584	\$ 876,178	\$ 1,025,911	\$ 1,081,187	\$ 1,408,101	\$ 1,365,647
Inspections	\$ 55,093	\$ 114,263	\$ 165,280	\$ 275,466	\$ 285,659	\$ 296,228
Conveyance System Rehabilitation	\$ 1,885,470	\$ 3,296,032	\$ 5,306,986	\$ 8,070,940	\$ 8,092,065	\$ 10,613,971
Contracted Survey Services	\$ 155,600	\$ 168,000	\$ 369,000	\$ 297,000	\$ 396,000	\$ 496,000
Land, Easement, and ROW Acquisition	\$ 1,250,742	\$ 993,608	\$ 1,001,882	\$ 1,490,461	\$ 1,667,598	\$ 1,683,049
Subtotal:	\$ 11,809,454	\$ 14,030,558	\$ 20,452,900	\$ 21,409,399	\$ 22,054,657	\$ 27,171,424
Watershed Management Planning						
Watershed Planning	\$ 4,630,586	\$ 3,640,331	\$ 391,359	\$ 448,154	\$ 464,736	\$ 481,931
BMP Development	\$ 76,289	\$ 78,538	\$ 90,314	\$ 103,420	\$ 107,247	\$ 111,215
Comprehensive Monitoring Program	\$ 9,860	\$ 3,500	\$ 6,320	\$ 9,560	\$ 5,300	\$ 5,800
Stream Protection and Restoration	\$ 58,254	\$ 54,984	\$ 64,949	\$ 76,117	\$ 75,473	\$ 78,493
BMP Programs and Activities	\$ 58,254	\$ 54,984	\$ 64,949	\$ 76,117	\$ 75,473	\$ 78,493
Used Oil and Toxic Materials	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Spill Response and Clean Up	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Program for Public Education and Reporting	\$ 275,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
Illicit or Cross Connections	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Illegal Dumping	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -
Multi-objective Planning and Support	\$ 14,790	\$ 5,250	\$ 9,480	\$ 14,340	\$ 7,950	\$ 8,700
Zoning Support	\$ 4,930	\$ 1,750	\$ 3,160	\$ 4,780	\$ 2,650	\$ 2,900
Landfills and Other Waste Facilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Emergency Response	\$ 4,930	\$ 1,750	\$ 3,160	\$ 4,780	\$ 2,650	\$ 2,900
Subtotal:	\$ 5,182,894	\$ 3,991,086	\$ 783,690	\$ 887,268	\$ 891,478	\$ 870,432
TOTAL:	\$ 21,608,297	\$ 24,701,217	\$ 28,745,168	\$ 32,790,206	\$ 33,912,051	\$ 38,479,639

